

2006

# Injury-related Emergency Dept. Visits MA Youth & Young Adults, Ages 15-24 Years

There were **145,778** injury-related emergency department (ED) visits among Massachusetts youth between the ages of 15-24 years in FY2006. About 1 in 6 youth in this age group suffered an injury. The leading injury cause among this age group were motor vehicles; 1 in 39 youth suffered a motor vehicle injury.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	14,550	1,077	737	69	2	16,435	11.3	1,834.9
Drowning/submersion	39	1	0	1		41	<0.1	4.6
Fall	19,961	6	8	27		20,002	13.7	2,233.
Fire/burn	2,073	17	11	12		2,113	1.4	235.9
Firearms	78	0	151	20	1	250	0.2	27.9
Machinery	700					700	0.5	78.2
Natural/environmental	3,522	0		3		3,525	2.4	393.5
<i>Dog bites</i>	883	0		0		883	0.6	98.6
<i>Other bites &amp; stings</i>	2,170	0		0		2,170	1.5	242.3
<i>All other (e.g. extreme cold)</i>	469	0		3		472	0.3	52.7
Overexertion	18072					18,072	12.4	2,017.6
Poisoning	1,255	1,157	6	801	4	3,223	2.2	359.8
Struck by, against	26,419	0	5,414	0	144	31,977	21.9	3,570.0
Suffocation/hanging	20	40	13	3		76	<0.1	8.5
Transport Injuries:	26,078	1	4	0	0	26,083	17.9	2,912.0
<i>Motor vehicle traffic-related</i>	23,266	1	4	0	0	23,271	16.0	2,598.1
<i>Occupant</i>	20,212					20,212	13.9	2,256.5
<i>Motorcyclist</i>	656					656	0.4	73.2
<i>Pedal cyclist</i>	338					338	0.2	37.7
<i>Pedestrian</i>	797					797	0.5	89.0
<i>Other person</i>	63					63	<0.1	7.0
<i>Unspecified person</i>	1,200					1,200	0.8	134.0
<i>Pedal cyclist, other</i>	1,422					1,422	1.0	158.8
<i>Pedestrian, other</i>	100					100	0.1	11.2
<i>Other transport</i>	1,290					1,290	0.9	144.0
Other specified & classifiable	6,494	3	809	22	4	7,332	5.0	818.6
Other specified, not classifiable	1,749	290	1,414	71	1	3,525	2.4	393.5
Unspecified	7,891	83	1,036	380	19	9,409	6.5	1,050.5
Adverse Effects						145	0.1	16.2
No cause or intent provided						2,870	2.0	320.4
TOTALS	128,901	2,675	9,603	1,409	175	145,778	100.0	16,275.2
Injury ED Visit Rate by Intent	14,391.0	298.6	1,072.1	157.3	19.5	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2005 - Sep 30, 2006).

—Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data."

This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized.